Quadruple 2-Input Exclusive-NOR Gates With Open-Drain Outputs 14-SOIC -40 to 85

Manufacturers	NXP Semiconductor
Package/Case	SOT363
Product Type	Transistors
RoHS	
Lifecycle	
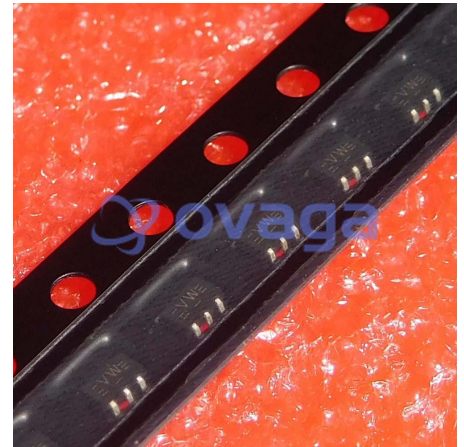
Images are for reference only

Please submit RFQ for 74LVC1G18GW or Email to us: sales@ovaga.com We will contact you in 12 hours.　　　RFQ

General Description

74LVC1G18GW is a specific model number of a digital logic gate, specifically a single-input configurable AND/OR gate, from the 74LVC series of integrated circuits (ICs). It is designed and manufactured by various semiconductor companies, such as Texas Instruments, NXP Semiconductors, and ON Semiconductor, among others.

Features

Single-input configurable AND/OR gate, which means it can be configured to work as an AND gate or an OR gate based on its input signal and configuration pins.

Wide supply voltage range, typically from 1.65V to 5.5V, making it compatible with a wide range of digital logic systems.

Fast switching speed, typically in the nanosecond range, allowing for high-speed digital signal processing.

Low power consumption, making it suitable for battery-powered or low-power applications.

Schmitt-trigger input, providing hysteresis and improved noise immunity.

Application

Digital logic circuits where AND and OR gates are needed, such as in data processing, arithmetic operations, and control logic.

Interface and signal conditioning circuits, where the Schmitt-trigger input can help improve signal integrity and noise immunity.

Battery-powered devices, portable electronics, and other low-power applications where power efficiency is important.
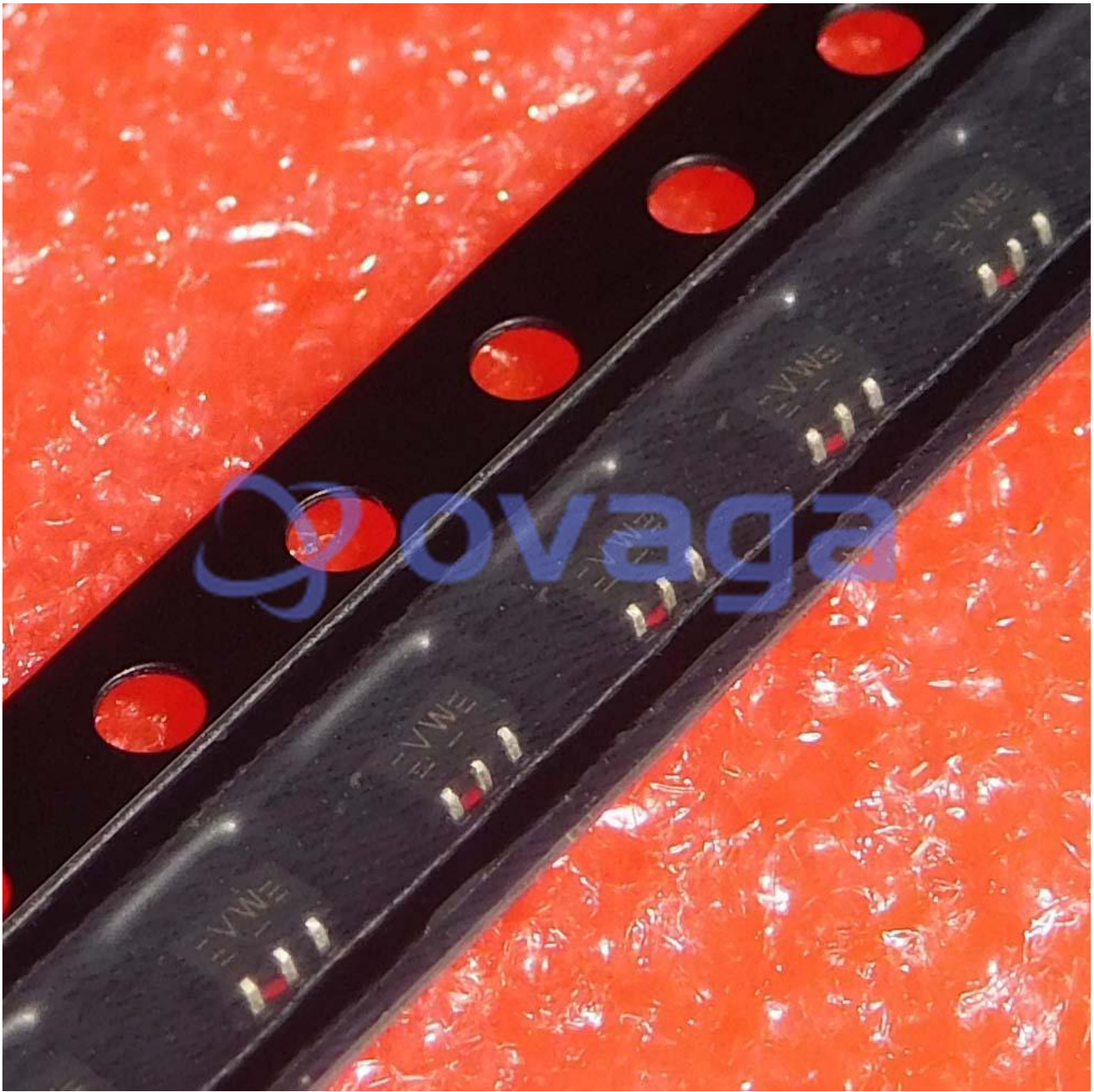
Related Products

74LVC2G07GW

NXP Semiconductor

SOT363

BLF574

NXP Semiconductor

TO-59

MRF374A

NXP Semiconductor

NI-650

2PA1774R

NXP Semiconductor

2N7002PS

NXP Semiconductor

SOT-363

PSMN1R0-30YLD

NXP Semiconductor

LFPAK56

PBSS4350Z

NXP Semiconductor

SOT-223

PBSS5350Z

NXP Semiconductor

SOT223